

INTERNATIONAL SEARCH REPORT

Internat application No
PCT/JP04/050981

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/12 G11B20/18 H03M13/00 H03M13/27

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/93262 A (DATAPLAY INC) 6 December 2001 (2001-12-06) cited in the application the whole document	1, 3, 5
Y	EP 0 903 739 A (SONY CORP) 24 March 1999 (1999-03-24) figure 10 paragraph [0086] paragraphs [0094], [0095] paragraph [0103]	1, 3, 5
A	WO 02/099803 A (DATAPLAY INC) 12 December 2002 (2002-12-12) page 5, line 23 - line 33 figure 1	1, 3, 5
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
 "&" document member of the same patent family

Date of the actual completion of the international search

4 October 2004

Date of mailing of the international search report

11 3 01. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Barel-Faucheux, C

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT, 2004/050981

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	STANDARD ECMA-279: "80 mm(1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-Recordable Disk (DVD-R)" ECMA, December 1998 (1998-12), XP002183289 the whole document -----	1,3,5

INTERNATIONAL SEARCH REPORT

Inte al application No.
T/IB2004/050981

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1, 3, 5

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claim: 1 3 5

A record carrier with two annular sections, the ECC block size in one section being different from the ECC block size in the other section, and the outer perimeter of the first annular section is located where the size of the second ECC block is equal to a length of the inner perimeter of the second annular section, and to the associated method of recording information on a record carrier and recorder for recording information on a record carrier.

2. claim: 2 4 6

A record carrier with two annular sections, the ECC block in one section being stored using a first error correction code and the ECC block in the other section being stored using a second error correction code, the first error correction code providing an error correction capability equal to the second error correction code, and to the associated method of recording information on a record carrier and recorder for recording information on a record carrier.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP04/050981

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0193262	A	06-12-2001	US 6738333 B1	18-05-2004
			AU 6525801 A	11-12-2001
			EP 1328936 A2	23-07-2003
			WO 0193262 A2	06-12-2001

EP 0903739	A	24-03-1999	JP 11096683 A	09-04-1999
			EP 0903739 A2	24-03-1999
			US 6125100 A	26-09-2000

WO 02099803	A	12-12-2002	US 2003028847 A1	06-02-2003
			EP 1397805 A1	17-03-2004
			WO 02099803 A1	12-12-2002
